see similar files of the whole serie: http://farbe.li.tu-berlin.de/fegs.htm
technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

TUB registration: 20240201-feg7/feg7l0np.pdf /.ps
application for evaluation and measurement of display or print output
TUB material: code=rha4ta

Code	*X*	*Y*	*Z*	*x*	*y*	A_1	B_1	C_{AB1}	a_1	b_1	h_{AB1}	i_d	λ_d	i_c	λ_c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.571	−1.123	0				
520_705	77.59	82.03	1.14	0.482	0.51	20.87	91.0	93.36	1.825	−0.014	77	40	575	20	476
380_520	19.17	17.86	111.07	0.129	0.12	−20.87	−91.0	93.36	0.403	−6.215	257	20	476	40	575
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.597	−1.045	0				
520_705	79.2	82.67	1.13	0.485	0.507	21.13	85.31	87.89	1.852	−0.013	76	40	576	20	476
380_520	17.76	17.22	103.33	0.128	0.124	−21.13	−85.31	87.89	0.37	−5.997	256	20	476	40	576
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.629	−0.959	0				
520_705	81.13	83.41	1.11	0.489	0.503	21.36	78.94	81.78	1.885	−0.013	74	40	577	20	477
380_520	16.22	16.48	94.77	0.127	0.129	−21.36	−78.94	81.78	0.333	−5.749	254	20	477	40	577
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.67	−0.865	0				
520_705	83.5	84.28	1.09	0.494	0.499	21.53	71.81	74.96	1.925	−0.013	73	40	577	20	477
380_520	14.52	15.61	85.31	0.125	0.135	−21.53	−71.81	74.96	0.291	−5.463	253	20	477	40	577
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.723	−0.76	0				
520_705	86.44	85.3	1.06	0.5	0.493	21.58	63.82	67.37	1.976	−0.012	71	40	578	20	478
380_520	12.66	14.59	74.92	0.123	0.142	−21.58	−63.82	67.37	0.243	−5.134	251	20	478	40	578
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.792	−0.646	0				
520_705	90.18	86.52	1.03	0.507	0.486	21.45	54.93	58.97	2.04	−0.011	68	40	579	20	479
380_520	10.65	13.37	63.59	0.121	0.152	−21.45	−54.93	58.97	0.189	−4.752	248	20	479	40	579
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.887	−0.524	0				
520_705	95.05	87.97	0.98	0.516	0.478	21.0	45.14	49.78	2.126	−0.011	65	41	580	21	480
380_520	8.5	11.92	51.39	0.118	0.166	−21.0	−45.14	49.78	0.126	−4.308	245	21	480	41	580
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	2.02	−0.395	0				
520_705	101.65	89.71	0.91	0.528	0.466	20.01	34.56	39.93	2.243	−0.01	59	41	582	21	482
380_520	6.28	10.18	38.59	0.114	0.185	−20.01	−34.56	39.93	0.055	−3.788	239	21	482	41	582

feg70−3n YAB1, YB, Pxx, 2°-CIE

Code	*X*	*Y*	*Z*	*x*	*y*	A_2	B_2	C_{AB2}	a_2	b_2	h_{AB2}	i_d	λ_d	i_c	λ_c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.257	−0.898	0				
520_705	77.59	82.03	1.14	0.482	0.51	16.7	72.8	74.69	1.46	−0.011	77	40	575	20	476
380_520	19.17	17.86	111.07	0.129	0.12	−16.7	−72.8	74.69	0.322	−4.972	257	20	476	40	575
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.277	−0.836	0				
520_705	79.2	82.67	1.13	0.485	0.507	16.9	68.25	70.31	1.482	−0.01	76	40	576	20	476
380_520	17.76	17.22	103.33	0.128	0.124	−16.9	−68.25	70.31	0.296	−4.798	256	20	476	40	576
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.303	−0.767	0				
520_705	81.13	83.41	1.11	0.489	0.503	17.09	63.15	65.43	1.508	−0.01	74	40	577	20	477
380_520	16.22	16.48	94.77	0.127	0.129	−17.09	−63.15	65.43	0.266	−4.599	254	20	477	40	577
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.336	−0.692	0				
520_705	83.5	84.28	1.09	0.494	0.499	17.22	57.44	59.97	1.54	−0.01	73	40	577	20	477
380_520	14.52	15.61	85.31	0.125	0.135	−17.22	−57.44	59.97	0.233	−4.37	253	20	477	40	577
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.378	−0.608	0				
520_705	86.44	85.3	1.06	0.5	0.493	17.27	51.06	53.9	1.58	−0.01	71	40	578	20	478
380_520	12.66	14.59	74.92	0.123	0.142	−17.27	−51.06	53.9	0.194	−4.107	251	20	478	40	578
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.434	−0.517	0				
520_705	90.18	86.52	1.03	0.507	0.486	17.16	43.94	47.18	1.632	−0.009	68	40	579	20	479
380_520	10.65	13.37	63.59	0.121	0.152	−17.16	−43.94	47.18	0.151	−3.802	248	20	479	40	579
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.509	−0.419	0				
520_705	95.05	87.97	0.98	0.516	0.478	16.8	36.11	39.83	1.7	−0.008	65	41	580	21	480
380_520	8.5	11.92	51.39	0.118	0.166	−16.8	−36.11	39.83	0.101	−3.446	245	21	480	41	580
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	1.616	−0.316	0				
520_705	101.65	89.71	0.91	0.528	0.466	16.01	27.65	31.95	1.794	−0.008	59	41	582	21	482
380_520	6.28	10.18	38.59	0.114	0.185	−16.01	−27.65	31.95	0.044	−3.03	239	21	482	41	582

feg71−3n YAB2, YB, Pxx, 2°-CIE

Code	*X*	*Y*	*Z*	*x*	*y*	A_1	B_1	C_{AB1}	a_1	b_1	h_{AB1}	i_d	λ_d	i_c	λ_c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.571	−1.123	0				
470_570	20.67	60.7	25.64	0.193	0.567	−73.13	42.54	84.61	0.366	−0.422	149	28	518	−1	518c
570_470	76.09	39.19	86.57	0.376	0.194	73.13	−42.54	84.61	3.437	−2.209	329	−1	518c	28	518
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.597	−1.045	0				
470_570	20.53	59.96	24.52	0.195	0.57	−73.32	38.17	82.67	0.374	−0.409	152	28	517	−1	517c
570_470	76.44	39.93	79.93	0.389	0.203	73.32	−38.17	82.67	3.433	−2.001	332	−1	517c	28	517
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.629	−0.959	0				
470_570	20.35	59.05	23.24	0.198	0.575	−73.58	33.44	80.82	0.383	−0.393	155	28	517	−1	517c
570_470	77.0	40.84	72.64	0.404	0.214	73.58	−33.44	80.82	3.431	−1.778	335	−1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.67	−0.865	0				
470_570	20.12	57.94	21.75	0.201	0.58	−73.91	28.36	79.16	0.394	−0.375	159	28	516	−1	516c
570_470	77.89	41.95	64.65	0.422	0.227	73.91	−28.36	79.16	3.431	−1.541	339	−1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.723	−0.76	0				
470_570	19.83	56.53	20.02	0.205	0.586	−74.32	22.97	77.79	0.408	−0.354	162	28	515	−1	515c
570_470	79.26	43.36	55.96	0.443	0.242	74.32	−22.97	77.79	3.437	−1.29	342	−1	515c	28	515
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.792	−0.646	0				
470_570	19.45	54.72	18.01	0.21	0.593	−74.83	17.38	76.82	0.425	−0.329	166	28	515	−1	515c
570_470	81.37	45.17	46.6	0.469	0.26	74.83	−17.38	76.82	3.449	−1.031	346	−1	515c	28	515
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.887	−0.524	0				
470_570	18.92	52.34	15.66	0.217	0.602	−75.39	11.77	76.3	0.447	−0.299	171	27	514	−1	514c
570_470	84.64	47.55	36.71	0.501	0.281	75.39	−11.77	76.3	3.472	−0.772	351	−1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	2.02	−0.395	0				
470_570	18.16	49.1	12.93	0.226	0.612	−75.85	6.49	76.13	0.475	−0.263	175	27	514	−1	514c
570_470	89.77	50.79	26.57	0.537	0.303	75.85	−6.49	76.13	3.513	−0.523	355	−1	514c	27	514

feg70−7n YAB1, GM, Pxx, 2°-CIE

Code	*X*	*Y*	*Z*	*x*	*y*	A_2	B_2	C_{AB2}	a_2	b_2	h_{AB2}	i_d	λ_d	i_c	λ_c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.257	−0.898	0				
470_570	20.67	60.7	25.64	0.193	0.567	−58.5	34.03	67.69	0.293	−0.337	149	28	518	−1	518c
570_470	76.09	39.19	86.57	0.376	0.194	58.5	−34.03	67.69	2.749	−1.767	329	−1	518c	28	518
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.277	−0.836	0				
470_570	20.53	59.96	24.52	0.195	0.57	−58.66	30.54	66.13	0.299	−0.327	152	28	517	−1	517c
570_470	76.44	39.93	79.93	0.389	0.203	58.66	−30.54	66.13	2.746	−1.601	332	−1	517c	28	517
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.303	−0.767	0				
470_570	20.35	59.05	23.24	0.198	0.575	−58.86	26.75	64.66	0.306	−0.314	155	28	517	−1	517c
570_470	77.0	40.84	72.64	0.404	0.214	58.86	−26.75	64.66	2.744	−1.423	335	−1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.336	−0.692	0				
470_570	20.12	57.94	21.75	0.201	0.58	−59.12	22.69	63.33	0.315	−0.3	159	28	516	−1	516c
570_470	77.89	41.95	64.65	0.422	0.227	59.12	−22.69	63.33	2.745	−1.232	339	−1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.378	−0.608	0				
470_570	19.83	56.53	20.02	0.205	0.586	−59.46	18.38	62.23	0.326	−0.283	162	28	515	−1	515c
570_470	79.26	43.36	55.96	0.443	0.242	59.46	−18.38	62.23	2.749	−1.032	342	−1	515c	28	515
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.434	−0.517	0				
470_570	19.45	54.72	18.01	0.21	0.593	−59.86	13.9	61.46	0.34	−0.263	166	28	515	−1	515c
570_470	81.37	45.17	46.6	0.469	0.26	59.86	−13.9	61.46	2.759	−0.825	346	−1	515c	28	515
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.509	−0.419	0				
470_570	18.92	52.34	15.66	0.217	0.602	−60.31	9.42	61.04	0.357	−0.239	171	27	514	−1	514c
570_470	84.64	47.55	36.71	0.501	0.281	60.31	−9.42	61.04	2.778	−0.617	351	−1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	1.616	−0.316	0				
470_570	18.16	49.1	12.93	0.226	0.612	−60.68	5.19	60.9	0.38	−0.21	175	27	514	−1	514c
570_470	89.77	50.79	26.57	0.537	0.303	60.68	−5.19	60.9	2.81	−0.418	355	−1	514c	27	514

feg71−7n YAB2, GM, Pxx, 2°-CIE

TUB-test chart feg7; Yellow-Blue-YB and Green-Magenta-GM data; 8 illuminants Pxx
CIEXYZ, *YABCabh*$_1$, and *YABCabh*$_2$ data; wavelength: λ_1, λ_2, λ_d and λ_c; 2°-CIE observer